

Work Order ID 149886

Friday, August 05, 2016

Page 1

Item ID:

Revision ID:

Item Name:

Draw Nbr:

Start Date: 8/5/2016 3:45

Start Qty: 2.0000

Revision Nbr

Required Date: 8/12/2016

Reqd Qty: 2.0000

Reference: Update paperwork per ECN 16-622

Cust Item ID:

Customer ID:

Description: Update paperwork as per ECN 16-622

Sales Order:

D350-822-011 x 1 B146216

D350-822-011 x 1 B146916

Approvals:

Process Plan: gm

Date: 16/08/05 . Tooling:

Date:

QC:

Date: SPC (Y/N):

Date:

Hours

DAS
28
9-89

AUG 08 2016

SA AUG 09 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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List Lots

Friday, August 05, 2016 3:42:34 PM

Page 1 of 1

Criteria : Item ID: D350-822-011 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D350-822-011	Evaluation Warehouse	121721	6/14/2016	1.0000		QC21	CHG001	shipped for evaluation - S/O118273 - United Aero Helicopters
PA100 PUREair System for AS350/EC130	Customer evaluation							
	Evaluation Warehouse	121722	6/14/2016	1.0000		QC21	CHG003	shipped for evaluation - S/O118113 - HeliSupport NZ LTD
	Customer evaluation							
	Evaluation Warehouse	121723	6/14/2016	1.0000		QC21	CHG001	Shipped for evaluation - S/O 118486 - Ultimate PTY
	Customer evaluation							
	Evaluation Warehouse	134021	6/14/2016	1.0000		QC21	CHG002	Shipped for evaluation - S/O122047 - Heliconia Industries
	Customer evaluation							
	Main Warehouse	146216	6/14/2016	1.0000		QC21	CHG002	
	FG							
	Main Warehouse	146916	6/14/2016	1.0000		QC21	CHG002	
	FG034							
Total:				6.0000				

DAS
28
9-89

AUG 08 2016

DAS
28
9-89

AUG 08 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date:	16.08.04	Job No.:	ADR Yes/No: N	ADR Date:		ECN #:	16- 622
Product No.:	D350-822	Created By:	<i>[Signature]</i>	Approved By:	<i>[Signature]</i>		
Product Name:	PA100 PUREair System						
Checked By:	<i>[Signature]</i>						

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)	Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	N	DM		DQA / QA Coord.	Y	PS / ED	
Production Manager / Coord.	Y	MP / MF		QC Coordinator	Y	PD	
Purchasing Manager / Purchasing Coord.	N	LL / CL		Customer Support	Y	SW / LM	
Production Engineering Coord.	Y	DD / JLM		Customer Technical Support	Y	MB / HS	
Production Engineering Coord.	N	DL		Marketing	Y	SL / WR	
Customer Order Processing	N	SL / BG		Dist. Management Coord.	Y	HM	

Reason for Change:
To provide customers with a shorter tube assembly

Documents Affected:
Release DSI 9751 Rev A, D4961 Rev. C, D5110 Rev B

IF APPLICABLE: NCR: _____ PAR: 16-505 CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☒ PARTS MUST COMPLY ☐ PREVIOUS PARTS SATISFACTORY ☒

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	SW	Send DSI 9751-011 kits	
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	Y	CC	MDL-D350-822 Rev L	<i>[Signature]</i> 16.08.05
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	KJ		16.08.05 <i>[Signature]</i>
12	Update Product Specification Files (Bluefiles)	Y	KJ	Add DSI 9751	16.08.05 <i>[Signature]</i>
13	Update Approved/Preliminary Dwg PDF Files	Y	KJ		16.08.05 <i>[Signature]</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	KJ		16.08.05 <i>[Signature]</i>
17	Update / Verify Airworthiness Release Certificate Database	Y	KJ	#163	16.08.05 <i>[Signature]</i>
18	Create / Update Change Record Form / Item Card Database	Y	KJ	DSI 9751-011 @ CHG001	16.08.05 <i>[Signature]</i>
19	Create / Update Packaging Process Plan (PPP)	Y	KJ		16.08.05 <i>[Signature]</i>
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	KJ		16.08.05 <i>[Signature]</i>
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	Y	KJ		16.08.05 <i>[Signature]</i>
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

Create/Update BOMs and Routes

Please updated paperwork for all kits in stock and in progress.

Manufacture a small quantity of DSI 9751-011 kits.

149886

ECN Verified & Complete: _____ Date: _____